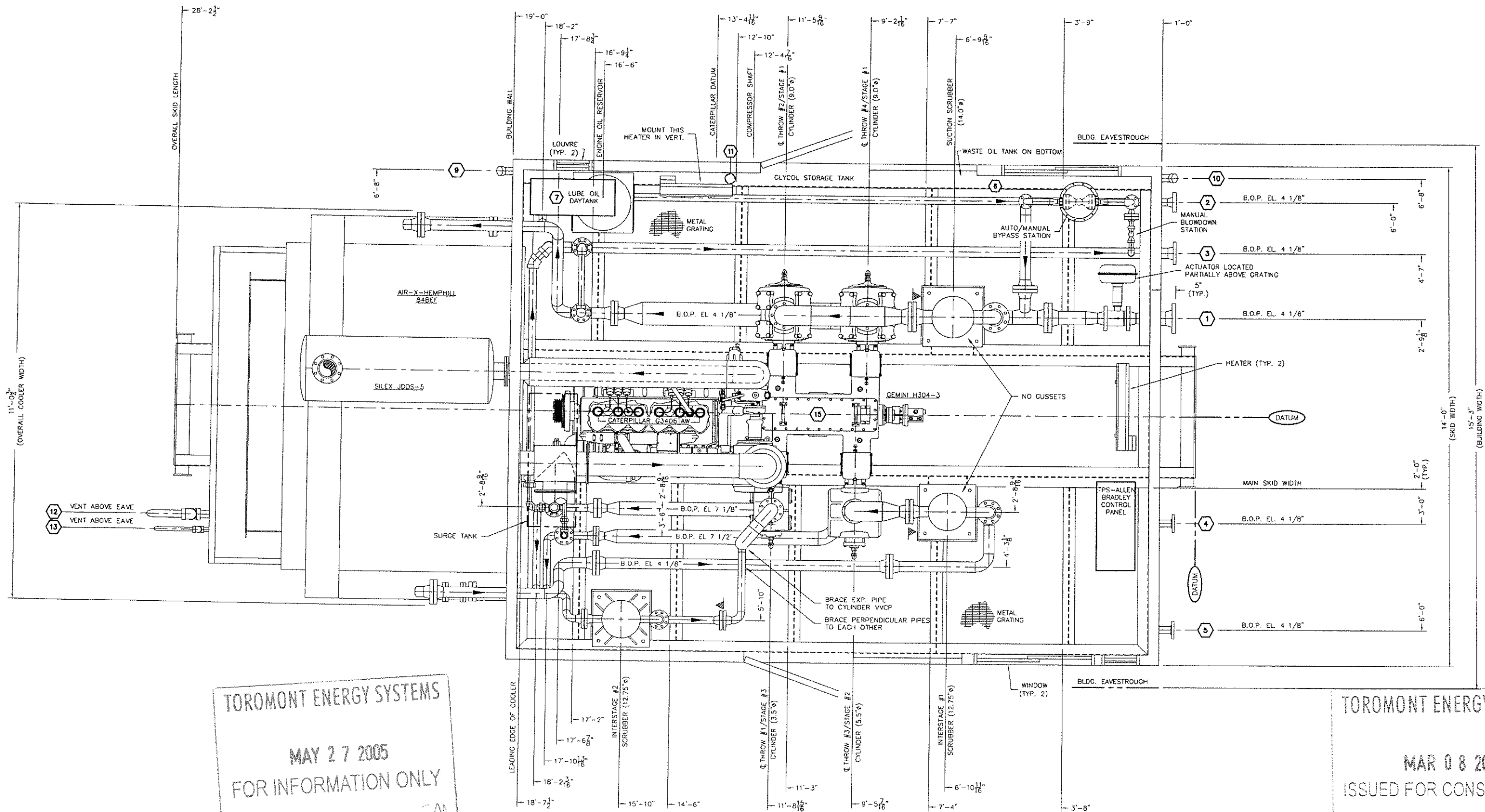




TOROMONT ENERGY SYSTEMS
MAY 27 2005
FOR INFORMATION ONLY
PER _____

TOROMONT ENERGY SYSTEMS
MAR 08 2005
ISSUED FOR CONSTRUCTION
PER _____ PL

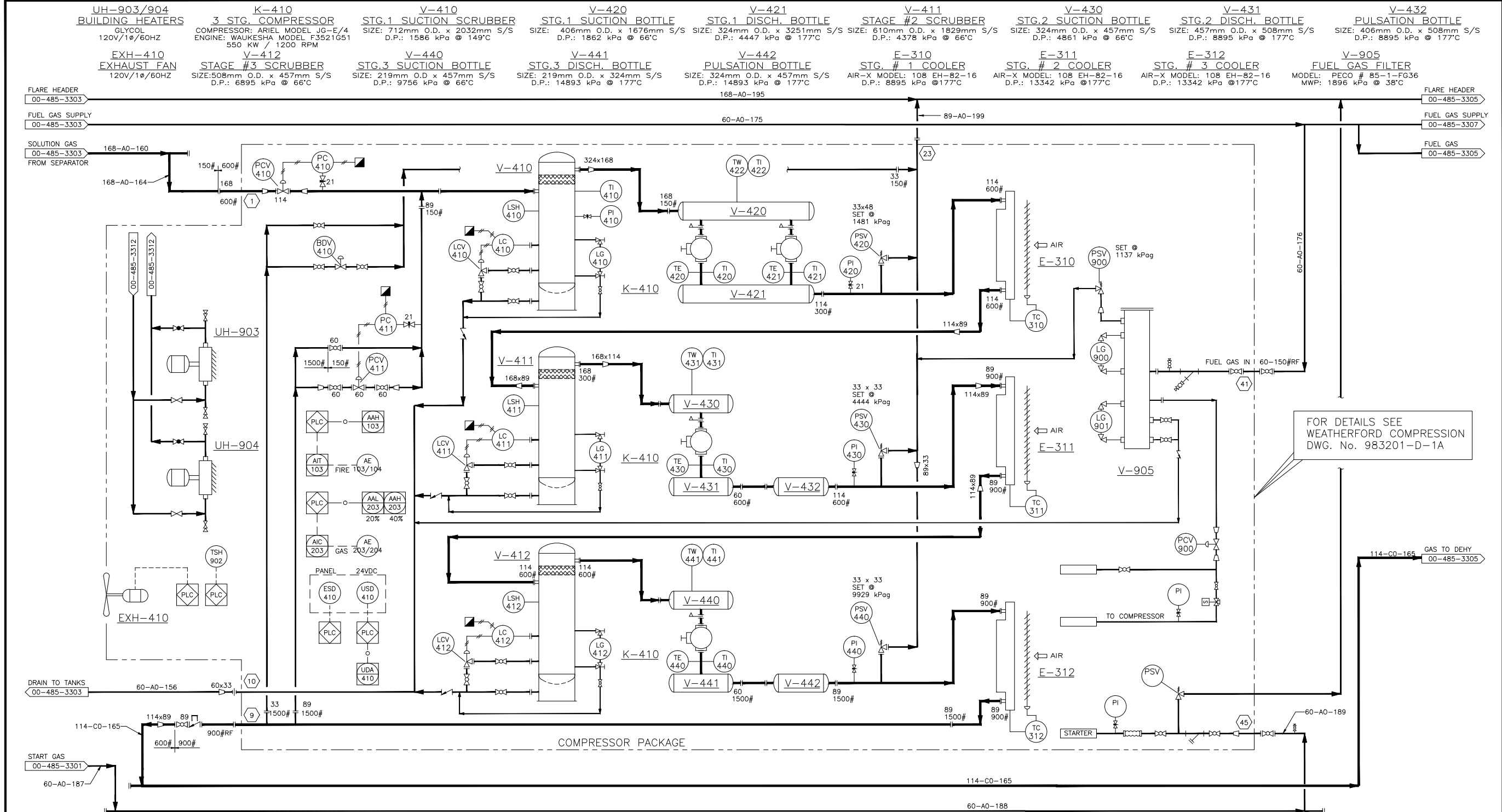
CUSTOMER CONNECTIONS

- | | | | |
|---|------------------|--------------------------------|--------------------------|
| ① INITIAL SUCTION | 4"-300# RFWN | ⑨ GLYCOL TANK DRAIN | 2"-3000# (NPT) |
| ② FINAL DISCHARGE | 2"-600# RFWN | ⑩ WASTE OIL TANK DRAIN | 2"-3000# (NPT) |
| ③ HIGH PRESSURE VENT HEADER | 3"-150# RFWN | ⑪ GLYCOL STAND PIPE | 2" PIPE |
| ④ SCRUBBER DRAIN HEADER | 2"-150# RF SCR'D | ⑫ LOW PRESSURE STARTER VENT | 2" PIPE (c/w BIRDSCREEN) |
| ⑤ FUEL/START GAS SUPPLY | 2"-150# RF SCR'D | ⑬ LOW PRESSURE INSTRUMENT VENT | 1" PIPE (c/w BIRDSCREEN) |
| ⑥ GLYCOL FILL | 3/4" HOSE | ⑭ - | - |
| ⑦ ENGINE/COMPRESSOR LUBE OIL DAYTANK FILL | 2"-3000# (NPT) | ⑮ LOCAL COMPRESSOR OIL FILL | 2"-3000# (NPT) |
| ⑧ - | - | ⑯ - | - |

GENERAL SPECIFICATIONS

OVERALL PACKAGE LENGTH	28'-2 1/2"	NOTES: 1. ALL DIMENSIONS TAKEN FROM BOTTOM OF SKID. 2. ALL OTHER NOTES FOUND ON DWG. #PFLOW. 3. ALL SKID EDGE CONNECTIONS CONSTRUCTED TO ±1/8" TOLERANCE.
OVERALL PACKAGE WIDTH	15'-3"	
OVERALL PACKAGE HEIGHT (10'-0" EAVE)	14'-2 5/8"	
OVERALL PACKAGE WEIGHT	58,100 LBS	
GLYCOL STORAGE CAPACITY (U.S. GAL.)	52	
WASTE OIL STORAGE CAPACITY (U.S. GAL.)	52	
SOUR WASTE OIL STORAGE CAPACITY (U.S. GAL.)	N/A	
LUBE OIL DAY TANK	56 U.S. GAL.	
BRIDGE CRANE	☐ YES ☒ NO	☐ CRANE RAILS ☐ U.S. GALLONS EACH
SEAL PAN	☐ YES ☒ NO	☐ 2-TON ☐ 3-TON ☐ 5-TON
LOADING METHOD	☐ JACK & ROLL ☒ LIVE ROLL	☐ FLAT ☐ SLOPED
PROCESS GAS	☒ SWEET ☐ SOUR ☐ ACID GAS	☐ CRANE
		PERCENT SOUR ---%H2S

0	ISSUED FOR CONSTRUCTION	03-01-05	BM
No.	REVISION	DATE	BY
PROPRIETARY MATERIAL: NOT TO BE REPRODUCED OR DISTRIBUTED WITHOUT THE PRIOR WRITTEN CONSENT OF TOROMONT ENERGY SYSTEMS INC.			
		10121 - BARLOW TRAIL N.E. CALGARY ALBERTA CANADA	
TITLE: GENERAL ARRANGEMENT CATERPILLAR G3406TAW / GEMINI H304-3 AIR-X-HEMPHILL 84BEF		CUSTOMER: PENGROWTH CORPORATION ELM SWEET GAS COMPRESSOR LSD: c-19-F/94-H-7	
SCALE: 3/4"=1'-0"	DATE: 03-01-05	BY: BM	DATE RELEASED: 02-MAR-05
STEP # N/A	UNIT # 31246	DRAWING NO: 31246-GA	REV. 0



NOTE 1:
-ALL PIPING EXTERNAL TO UTILIDOR IS TO BE
ELECTRICALLY TRACED AND INSULATED
WITH 38mm HOT INSULATION.

NOTES:
THIS DRAWING IS OF A CONFIDENTIAL NATURE AND SHALL NOT BE REPRODUCED IN
ANY MANNER, NOR USED FOR ANY PURPOSE WHATSOEVER EXCEPT BY WRITTEN
PERMISSION OF CONCISE DESIGN.
THIS DRAWING IS NOT APPROVED FOR CONSTRUCTION UNLESS SIGNED AND DATED.
DESTROY ALL DRAWINGS BEARING EARLIER DATE AND/OR REVISION NUMBER.

No	DATE	REVISIONS	DRAWN	CHK.	APPD.
2	01.06.18	AS BUILT	EB		
1	01-03-28	GENERAL REVISIONS	KMB		
0	01-02-12	ISSUED FOR CONSTRUCTION	GS	WB	GG
A	00-11-20	ISSUED FOR APPROVAL	RKP		

CHECK PRINT

DRAWN: RKP	 300, 736 - 6 Avenue S.W. Calgary, Alberta T2P 3W1 Telephone: (403) 237-7160 Fax: (403) 237-7166
DATE: 00-11-20	
CHK'D: WB	
APPR'D: GG	
SCALE: NONE	ENCAL ENERGY LTD.
CONCISE PROJ. No. 00-485.03	ELM BATTERY c-19-F, 94-H-7 COMPRESSOR PACKAGE - P & I.D.
CONCISE FILE No. 48533304	CONCISE CLIENT DWG. No. 082-ELM-02012301
	CONCISE DWG. No. 00-485-3304
	REV. 2

LOCATION:	Elm B.C.	Quote # Q150172	LSD:	c-19-F/94-H-7
UNIT No:	31246		Rev No.	0
DELIVERY DATE:	April 11, 2005			
PROJECT STAFF:	Joe Kapusin, Ben Santos, Bryce Mclean			
CUSTOMER CONTACT:	Mario Struik			
	Phone No:	(403) 508-3586	Fax No:	(403) 264-2195
DRIVER:	Catapillar G3406TA	S/N:	4D02700	
	Ignition System Model:	Caterpillar DISN		
COMPRESSOR:	Gemini H304	S/N:	H433	
	Cylinder Lube Rate:	10.8	USPPD at	70.5 Sec. /cycle
COOLER:	Make: Air-X-Limited	Model: 84BEF	S/N:	46242B-10563
PANEL:	Make: Allen Bradley	Model: Compact Logix	S/N:	80281B

DESCRIPTION	THROW 1	THROW 2	THROW 3	THROW 4
STAGE	THREE	ONE	TWO	ONE
BORE (IN.)	3.5	9.0	5.5	9.0
STROKE (IN.)	3.0	3.0	3.0	3.0
CLASS	H	H	H	H
MAWP (PSI)	1250	300	1000	300
VVCP YES/NO	YES	YES	YES	YES
ROD TYPE STD/TC.	STD	STD	STD	STD
DIST. PC. YES/NO	NO	NO	NO	NO
SERIAL NO.	014222-6-6	014222-9-2	013268-2-7	014222-9-1
PACKING SYSTEM	Standard/Purge Gas		Standard	
VALVE TAILOR				
SUCTION	427-1718	427-1849	427-1774	427-1849
MATERIAL	MT	MT	MT	MT
DISCHARGE	427-1741	427-1889	427-1813	427-1889
MATERIAL	MT	MT	MT	MT

DESCRIPTION	STAGE 1	STAGE 2	STAGE 3	
OD (IN.)	14	12-3/4	12-3/4	
LENGTH S/S (IN.)	60	54	54	
MAWP (PSI)	655	655	655	
MDMT (DEG. F)	-20	-20	-20	
SERIAL NO.	31246S1	31246S2	31246S3	
PULSATION BOTTLES - SUCTION / DISCHARGE (N/A Expanded Pipe Used)				
OD (IN.)				
LENGTH (IN.)				
MAWP (PSI)				
MDMT (DEG. F)				
SERIAL NO				
PROVINCE(S) OF REGISTRATION	Yes/No	B.C.- YES	AB- YES	SASK- NO